

88-034

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

1988
Year of Revision

Anadromous Water Catalog Volume Southcentral II

USGS Quad 59 Tyonek B-2

Name of Waterway _____

Anadromous Water Catalog Number of Waterway _____

247-41-10180

Change to _____ Atlas
_____ Catalog
X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

ALASKA DEPT. OF
FISH & GAME

JUL 07 1987

REGION II
HABITAT DIVISION

For Office Use

Nomination # _____	
<u>Looy</u> Regional Supervisor	<u>7/10/87</u> Date
<u>STS</u>	<u>11/20/87</u>
<u>FI</u> Drafted	<u>11/19/87</u> Date

Species	Date(s) Observed	Spawning	Rearing	Migration
Coho	<u>June 25, 1987</u>		<u>X</u>	
Chinook	<u>June 25, 1987</u>		<u>X</u>	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Survey results attached - coho and chinook fry caught in baited Minnow Traps at location #3

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Durand Cook / Stewart Seaberg

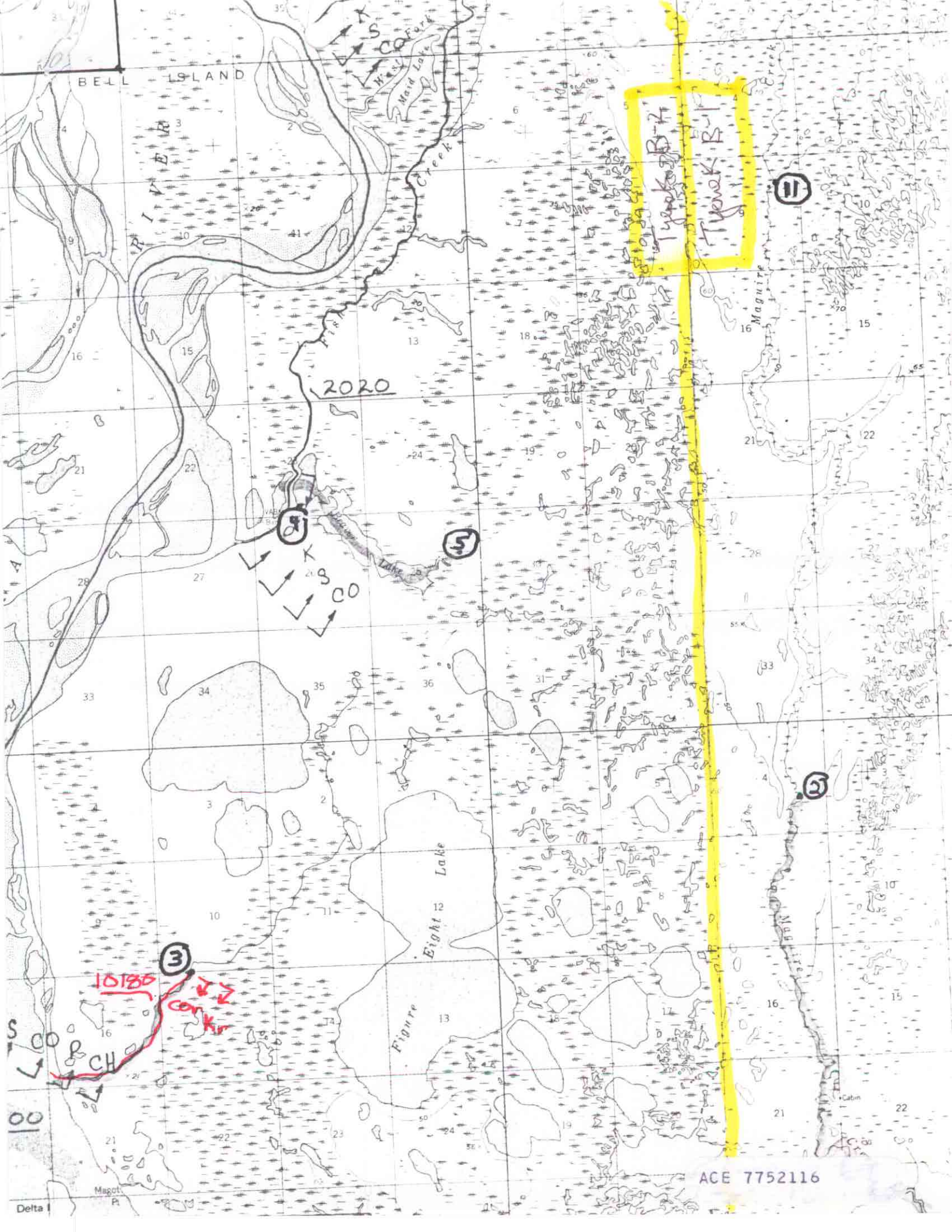
Date: 07/01/87 Signature: Durand R. Cook

Address: ADF421 / Habitat Div

333 Raspberry Rd, Anch AK

Signature of Area Biologist: Larry J. Engel

ACE 7752115
4/5



MEMORANDUM

State of Alaska

TO: Files

DATE:

July 7, 1987

FILE NO.:

7-6.7-8.6

THRU:

TELEPHONE NO.:

267-2284

SUBJECT:

Trip Report

Susitna Flats State
Game Refuge

FROM:

Stewart Seaberg *SS*
Habitat Biologist
Region II
Habitat Division
Department of Fish and Game

On June 24 and 25, 1987 surveys were conducted on a variety of streams on the Susitna Flats Game Refuge. The following is a summary and the results of this survey.

On June 24, Durand Cook and I departed for the Susitna Flats area aboard a Bell 206 helicopter at 8:30 a.m. Two minnow buckets baited with salmon roe were placed at each of the eleven sampling points shown on the attached map. The minnow buckets were left to soak overnight, and retrieved the next morning. The results by trapping location are also attached.

Chinook salmon fry were found in nearly all locations. Time did not allow us to measure fish but most fry were in the 1+ and 2+ age classes judging by size. Very few young of the year salmon were caught.

In the future it may be advantageous to fly the area to be surveyed beforehand in a fixed wing aircraft in order to pick out sampling points. Many areas that were picked out to sample did not seem to connect to any flowing water.

Attachments

cc: Don McKay
Debby Clausen

ACE 7752117

Susitna Flats Fish Trapping Results

TRAP #	RESULTS	COMMENT
1	Sculpin	
2	3 Chinook 2 Coho	Slow flowing, iron stained water.
3	29 Coho 27 Chinook	Many Stickelback, Dolly Varden and Burbot also caught.
4	4 Chinook 4 Coho	Upper intertidal zone.
5	4 Chinook	Slow flowing water.
6	7 Chinook	Very little (if any) flow, deep water.
7	14 Chinook	
8	12 Chinook	Excellent rearing, good spawning habitat.
9	23 Chinook	Confluence #8 and #10.
10	45 Chinook	Excellent rearing, good spawning habitat.
11	No fish	Slow flowing, iron stained water.